

Work Order ID 144713

April 22, 2016 12:21:30 PM

144713

Page 1

Item ID: D350-822-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: PA100 PUREair System for AS350/EC130
 Start Date: 5/24/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 5/31/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: SU Date: 20160421 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D350-822	E	6 9-89							
100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-822-011 CHG002								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.03							
Quality Control									

MAY 05 2016

ML5 16-05-05

DAS
27
9-89

MAY 11 2016

DAS
6
9-89

DAS
28
9-89

MAY 05 2016

DAS
27
9-89

MAY 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
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LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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125

Consignment Stock

0.00

125

Outsourc10

Consignment stock

Memo

0.00

Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD

PO 30800

(Send copy of PO to Pall - James)

Issue W/O LINE item for Pall for amount sold on sales order S/O 125565

according to sales price see Warran for amount. (if sale price is \$23,000 - amount is \$13,400)

PO can be received immediately and given to finance in order to close work order.

U 160512

130

0.00

130

Packaging

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D350-822-011

Location: _____

Sold

SAS

27

9-89

MAY 12 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

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Page 3

Item ID: D350-822-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: PA100 PUREair System for AS350/EC130

Stop ***NS2***Start Date: 5/24/2016 Start Qty: 1.00 ***1***

Cust Item ID:

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Run Start ***NR1***

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Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.10							
Quality Control									

MCS MAY 12 2016

MCS MAY 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Picklist Print

April 22, 2016 12:21:34 PM

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Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM IPP REV:C
15.06.03 AS PER IIN REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

NAS1149D0332J		Purchased			No		Each	1,480.000		58			
---------------	--	-----------	--	--	----	--	------	-----------	--	----	--	--	--

NAS1149D0332J

Washer

DAS
DAS 28
5 9-89
9-89

Location	Loc Qty	Loc Code
CA	6	
m129682	6	
FP001	4	
m133988	4	
GA	88	
m132677	88	
ST260a	1000	
m134502	1000	
ST264	382	
m133988	382	

DAS
27
9-89

58

QR10616

Purchased

No

Each

10.0000

1

QR10616

Vortex Tube Repair

DAS DAS
6 28
9-89 9-89

Location	Loc Qty	Loc Code
MEZZpall	6	
m129631	2	
m129914	4	
QC INSP	4	
m133995	4	

DAS
27
9-89

1

MAY 06 2016

Picklist Print

Page 2

April 22, 2016 12:21:34 PM

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

QB21304 Purchased No

Each 6.0000 1

QB21304

PUREair Panel Assembly

**

DAS 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZpall

6

118409

6

Each

6.0000

1

**

DAS 28
9-89

QB21310 Purchased No

QB21310

Transition Duct Assembly

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZ2

4

m129914

4

MEZZpall

2

m129631

2

Each

6.0000

1

**

DAS 28
9-89

QB21308 Purchased No

QB21308

Fod Screen Assembly

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZ2

4

m129914

4

MEZZpall

2

m129631

2

Each

153.0000

15

**

DAS 28
9-89

LN29985-A05 Purchased No

LN29985-A05

Anchor Nut

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

113

m133062

113

ST563

40

m134586

40

MAY 06 2016

April 22, 2016 12:21:34 PM

Shop Packet Print

Page 2

Picklist Print

Page 3

April 22, 2016 12:21:34 PM

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05018

Purchased

No

Each

580.0000

56

I N9038-05018

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

280

M132419

280

ST564

100

M134466

50

M134571

50

ST569

200

M134586

200

56

DAS
6
9-89

DAS
28
9-8

BS4320-A5

Purchased

No

Each

24.0000

56

RS4320-A5

Washer (NAS1149D332J)

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZpall

24

M129914

24

56

DAS
6
9-89

DAS
28
9-89

MS20426AD3-3

Purchased

No

Each

3,080.000

40

MS20426AD3-3

RIVET

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

994

M131624

994

ST312

2086

M131624

2086

40

DAS
6
9-89

DAS
28
9-89

650.0401

Purchased

No

Each

24.0000

1

650 0401

PUREair Fairing Assembly

DAS
27
9-89

Location

Loc Qty

Loc Code

FG109

24

132155

24

DAS
6
9-89

DAS
28
9-89

April 22, 2016 12:21:34 PM

Shop Packet Print

Page 3

MAY 11 2016

MAY 11 2016

Picklist Print

Page 4

April 22, 2016 12:21:34 PM

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D4925-041 Manufactured No

Each 0.0000

1

DAS 28
6 9-89

D4925-041

Mounting Plate Assembly

**

143772

D4931-1 Manufactured No

Each 2.0000

1

DAS 28
6 9-89

D4931-1

Engine Fitting (for acft models B2 & previous)

**

144653

Location

Loc Qty

Loc Code

st138

2

121325

2

DAS 27
9-89

D4931-3 Manufactured No

Each 12.0000

1

DAS 26
6 9-89

D4931-3

Engine Fitting (for B3 models)

**

Location

Loc Qty

Loc Code

st138

12

120907

8

121326

4

DAS 27
9-89

D4931-5 Manufactured No

Each 15.0000

1

DAS 28
6 9-89

D4931-5

Engine Fitting (for B3e models)

**

Location

Loc Qty

Loc Code

st138

15

120908

10

121327

5

DAS 27
9-89

D4935-1 Manufactured No

Each 11.0000

6

DAS 28
6 9-89

D4935-1

Mounting Bracket

**

144648

Location

Loc Qty

Loc Code

ST139

11

135545

11

DAS 27
9-89

DAS 28
6 9-89
MAY 06 2016

April 22, 2016 12:21:35 PM

Shop Packet Print

Page 4

Picklist Print

April 22, 2016 12:21:35 PM

Page 5

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D4943-1

Manufactured No

Each

32.0000

1

D4943-1

Flex Hose

**

DAS
6
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST220a

16

119753

5

119754

8

119755

3

st220b

16

119751

8

119752

8

D4961-041

Manufactured No

Each

5.0000

1

D4961-041

Tube Assembly

**

DAS
6
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST139

5

137235

2

141335

3

D4961-043

Manufactured No

Each

6.0000

1

D4961-043

Tube Assembly

**

DAS
6
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST140

6

134859

2

137069

2

138170

2

MAY 06 2016

Picklist Print

April 22, 2016 12:21:35 PM

Page 6

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D5079-1 Purchased No

Each 14.0000 2

D5079-1

Placard, EAPS

**

DAS 28
6 9-89 9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST148

14

130339

2

140766

12

2

D5090-041 Manufactured No

Each 2.0000

D5090-041

Duct Assembly

**

1

144650

DAS 28
6 9-89 9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

cck008

2

136658

2

2

D5105-1 Manufactured No

Each 8.0000

D5105-1

Handle

**

DAS 28
6 9-89 9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

st151

8

121244

8

2

D5110-1 Manufactured No

Each 15.0000

D5110-1

Swivel Nut Fitting

**

1

DAS 28
6 9-89 9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST152

15

138446

3

143630

12

1

MAY 05 2016

Picklist Print

April 22, 2016 12:21:35 PM

Page 7

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D5179-1	Manufactured	No	Each	4.0000	2				
D5179-1						**	144643	DAS 28	
Doubler								6 9-89	
DAS									
27									
9-89									
	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>					
	ST249		4						
	134759		4						
D5179-3	Manufactured	No	Each	4.0000	2				
D5179-3						**	144657	DAS 28	
Doubler								6 9-89	
DAS									
27									
9-89									
	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>					
	ST249		4						
	134760		4						
D5194-1	Manufactured	No	Each	4.0000	2				
D5194-1						**	144649	DAS 28	
Doubler								6 9-89	
DAS									
27									
9-89									
	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>					
	ST249		4						
	134761		4						
D5208-041	Manufactured	No	Each	8.0000	3				
D5208-041						**	144641	DAS 28	
Blanking Plate Assembly								6 9-89	
DAS									
27									
9-89									
	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>					
	ST158		8						
	135405		2						
	138043		6						

Picklist Print

April 22, 2016 12:21:36 PM

Page 8

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

8411999090

Purchased No

Each 9.0000

1

8411999090

Gasket - P/N 9752100180

**

DAS

DAS
28
9-89

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST564

4

m132879

4

ST589

5

m133898

5

9752018044

Purchased No

Each 14.0000

1

9752018044

Gasket (for B3 models)

**

DAS

DAS
28
9-89

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST564

6

m129550

6

ST589

8

m134540

8

9945000120

Purchased No

Each 14.0000

1

9945000120

Gasket (for B3e models)

**

DAS

DAS
28
9-89

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST564

6

m129550

6

ST589

8

m134540

8

23350CA050

Purchased No

Each 63.0000

2

23350CA050

WASHER

**

DAS
28
9-89

MAY 05 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

ST568

63

m129609

63

April 22, 2016 12:21:36 PM

Shop Packet Print

Page 8

Picklist Print

April 22, 2016 12:21:36 PM

Page 9

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

AN821-12J Purchased No

Each 24.0000

2

AN821-12.J

Elbow (or AN821-12K or 12S)

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

CCK004

12

m134544

12

CCK006

9

m132479

9

ST324

3

m129769

3

AN929-12J Purchased No

Each 12.0000

1

AN929-12.J

Cap

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST322

12

m129764

12

EN3686-050016 Purchased No

Each 26.0000

2

FN3686-050016

Screw

**

DAS 6 28 9-89

Location

Loc Qty

Loc Code

ST559

26

m132539

11

m134586

15

DAS 27 9-89

MAY 05 2016

Picklist Print

April 22, 2016 12:21:36 PM

Page 10

Work Order ID: 144713

144713

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05012

Purchased

No

Each

316.0000

32

I N9038-05012

Bolt

DAS

DAS
28
9-89

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

116

m132519

116

ST564

200

m134466

100

m134571

100

20

12

LN9038-05040

Purchased

No

Each

12.0000

1

I N9038-05040

Bolt

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

8

m132423

8

ST564

4

m134466

4

1

LN9348-05

Purchased

No

Each

270.0000

26

I N9348-05

Nut

DAS
28
9-89

DAS
8
9-89

MAY 05 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

90

m132519

90

ST564

180

m134466

180

12

14

71.10. PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QR10616	TUBE REPAIR KIT
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
15	LN29985-A05	ANCHOR NUT
56	LN9038-05018	BOLT
56	BS4320-A5	WASHER
40	MS20426AD3-3	RIVET
1	650.0401	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING*
1	D4931-3	ENGINE FITTING*
1	D4931-5	ENGINE FITTING*
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
1	D4961-043	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5105-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
2	D5179-1	DOUBLER
2	D5179-3	DOUBLER
2	D5194-1	DOUBLER
3	D5208-041	BLANKING PLATE ASSY
1	8411999090	GASKET*
1	9752018044	GASKET*
1	9945000120	GASKET*
2	23350CA050	LOCKING TAB
2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	AN929-12J	CAP
58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	EN3686-050016	SCREW
32	LN9038-05012	BOLT
1	LN9038-05040	BOLT
26	LN9348-05	NUT
18	MS20470AD3-4	RIVET
1	MS21919WHG12	CLAMP
1	MS9592-138	BRACKET
1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

5.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QR10616	TUBE REPAIR KIT
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
15	LN29985-A05	ANCHOR NUT
56	LN9038-05018	BOLT
56	BS4320-A5	WASHER
40	MS20426AD3-3	RIVET
1	650.0401	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING*
1	D4931-3	ENGINE FITTING*
1	D4931-5	ENGINE FITTING*
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
1	D4961-043	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5105-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
2	D5179-1	DOUBLER
2	D5179-3	DOUBLER
2	D5194-1	DOUBLER
3	D5208-041	BLANKING PLATE ASSY
1	8411999090	GASKET*
1	9752018044	GASKET*
1	9945000120	GASKET*
2	23350CA050	LOCKING TAB
2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	AN929-12J	CAP
58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	EN3686-050016	SCREW
32	LN9038-05012	BOLT
1	LN9038-05040	BOLT
26	LN9348-05	NUT
18	MS20470AD3-4	RIVET
1	MS21919WHG12	CLAMP
1	MS9592-138	BRACKET
1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION